

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1239668
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

| | | |
|-----------------------------------|-----------------|---|
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |
|-----------------------------------|-----------------|---|

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1239668

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

| | |
|--|---|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____ | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum |
|--|---|

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|--|------------------|----------------|--------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | | | | |
| | | | | |

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| | | | | |
|----------------|-------|---------|------------|---|
| TUBING RECORD: | Size: | Set At: | Packer At: | Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No |
|----------------|-------|---------|------------|---|

| | |
|---|--|
| Date of First, Resumed Production, SWD or ENHR. | Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____ |
|---|--|

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| | | | | | |

| | | |
|--|--|---|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ | PRODUCTION INTERVAL: _____ _____ |
|--|--|---|

| | |
|-----------|-------------------------------------|
| Form | ACO1 - Well Completion |
| Operator | Bach, Jason dba Bach Oil Production |
| Well Name | Crystal 1 |
| Doc ID | 1239668 |

Tops

| Name | Top | Datum |
|-------------------|------|-------|
| Stone Corral | 1776 | +394 |
| Base Stone Corral | 1801 | +369 |
| Topeka | 3119 | -949 |
| Heebner | 3325 | -1155 |
| Toronto | 3358 | -1188 |
| Lansing | 3373 | -1203 |
| Muchie | 3484 | -1308 |
| RTD | 3550 | -1380 |



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 145982
Invoice Date: Sep 22, 2014
Page: 1

Federal Tax I.D.#: 20-8651475

| Bill To: |
|--|
| Bach Oil Production 82 W. 500 Ln. Phillipsburg, KS 67661 |

| Customer ID | Field Ticket # | Payment Terms | |
|--------------|----------------|---------------|----------|
| Bach | 55497 | Net 30 Days | |
| Job Location | Camp Location | Service Date | Due Date |
| KS2-01 | Russell | Sep 22, 2014 | 10/22/14 |

| Quantity | Item | Description | Unit Price | Amount |
|----------|--------------------|-----------------------|------------|----------|
| 1.00 | WELL NAME | Crystal #1 | | |
| 175.00 | CEMENT MATERIALS | Class A Common | 17.90 | 3,132.50 |
| 330.00 | CEMENT MATERIALS | Gel | 0.50 | 165.00 |
| 495.00 | CEMENT MATERIALS | Chloride | 1.10 | 544.50 |
| 175.00 | CEMENT SERVICE | Cubic Feet Charge | 2.48 | 434.00 |
| 412.50 | CEMENT SERVICE | Ton Mileage Charge | 2.75 | 1,134.38 |
| 1.00 | CEMENT SERVICE | Surface | 1,512.25 | 1,512.25 |
| 50.00 | CEMENT SERVICE | Heavy Vehicle Mileage | 7.70 | 385.00 |
| 50.00 | CEMENT SERVICE | Light Vehicle Mileage | 4.40 | 220.00 |
| 1.00 | CEMENT SUPERVISOR | Tony Pfannenstiel | | |
| 1.00 | OPERATOR ASSISTANT | Danny Sinner | | |
| 1.00 | OPERATOR ASSISTANT | Tracy Jordan | | |

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 1,806.63

ONLY IF PAID ON OR BEFORE
Oct 22, 2014

| | |
|------------------------|-----------------|
| Subtotal | 7,527.63 |
| Sales Tax | 255.49 |
| Total Invoice Amount | 7,783.12 |
| Payment/Credit Applied | |
| TOTAL | 7,783.12 |

ALLIED OIL & GAS SERVICES, LLC 0554 7

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Russell Ks

| | | | | | | | |
|------------------------------------|-----------------|---------------------------------|-----------------|---|------------------------|-----------------|------------|
| DATE <u>9.22.14</u> | SEC <u>35</u> | TWP <u>1</u> | RANGE <u>19</u> | CALLED OUT | ON LOCATION | JOB START | JOB FINISH |
| LEASE <u>Crystal</u> | WELL # <u>1</u> | LOCATION <u>Phillipsburg Ks</u> | | | COUNTY <u>Phillips</u> | STATE <u>Ks</u> | |
| OLD OR NEW (Circle one) <u>NEW</u> | | | | <u>12 to 183 #383 Oct W to 500 rd 3 1/2 S W 1/4</u> | | | |

CONTRACTOR Martin #24
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D.
 CASING SIZE 8 7/8 DEPTH 220'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 15'
 CEMENT LEFT IN CSG. 15'
 PERFS.
 DISPLACEMENT 13.05 bbl

EQUIPMENT
 PUMP TRUCK CEMENTER Doug Bennett
 # 417 HELPER Doug S
 BULK TRUCK
 # 488 DRIVER Tracy J
 BULK TRUCK
 # DRIVER

REMARKS:
See Concrete Job Log
Cement to Surface
PAUL 051
 CITY STATE ZIP Frank

OWNER
 CEMENT
 AMOUNT ORDERED 175 sk cs
+ 2.1 gal + 300
 COMMON 175 sk @ 17.9 \$ 3,132.50
 POZMIX @
 GEL 330 lb @ .50 \$ 165.00
 CHLORIDE 495 lb @ 1.10 \$ 544.50
 ASC @
 MATERIAL @ 3842.00
Disc @ 922.08
 HANDLING 175 sk 4 1/2 @ 2.48 \$ 434.00
 MILEAGE 413 7.1m @ 2.95 \$ 1,134.38
412.5 TOTAL \$ 5,110.38

SERVICE
 DEPTH OF JOB 220'
 PUMP TRUCK CHARGE \$ 1,512.25
 EXTRA FOOTAGE @
 MILEAGE 495 sk @ 7.7 \$ 385.00
 MANIFOLD 495 sk @ 4.4 \$ 220.00
Disc 884.55 TOTAL \$ 2,119.25

PLUG & FLOAT EQUIPMENT
 @
 @
 @
 @
 TOTAL 0

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Anthony Martin
 SIGNATURE Anthony Martin

SALES TAX (If Any)
 TOTAL CHARGES \$ 7,527.63
 DISCOUNT \$ 1,806.63 (24%)
 Net: 5,721.00
 IF PAID IN 30 DAYS



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 145987
Invoice Date: Sep 26, 2014
Page: 1

Voice: (817) 546-7282
Fax: (817) 246-3361

Federal Tax I.D.#: 20-8651475

| |
|--|
| Bill To: |
| Bach Oil Production 82 W. 500 Ln. Phillipsburg, KS 67661 |

| Customer ID | Field Ticket # | Payment Terms | |
|--------------|----------------|---------------|----------|
| Bach | 55503 | Net 30 Days | |
| Job Location | Camp Location | Service Date | Due Date |
| KS2-03 | Russell | Sep 26, 2014 | 10/26/14 |

| Quantity | Item | Description | Unit Price | Amount |
|----------|--------------------|-----------------------|------------|----------|
| 1.00 | WELL NAME | Crystal #1 | | |
| 255.00 | CEMENT MATERIALS | 60/40/4% Gel Blend | 18.92 | 4,824.60 |
| 1,000.00 | CEMENT MATERIALS | Gel | 1.10 | 1,100.00 |
| 255.00 | CEMENT SERVICE | Cubic Feet Charge | 2.48 | 632.40 |
| 599.25 | CEMENT SERVICE | Ton Mileage Charge | 2.75 | 1,647.94 |
| 1.00 | CEMENT SERVICE | Plug to Abandon | 1,525.75 | 1,525.75 |
| 50.00 | CEMENT SERVICE | Pump Truck Mileage | 7.70 | 385.00 |
| 50.00 | CEMENT SERVICE | Light Vehicle Mileage | 4.40 | 220.00 |
| 1.00 | EQUIPMENT SALES | 8-5/8 Wooden Plug | 110.00 | 110.00 |
| 1.00 | CEMENT SUPERVISOR | Tony Pfannenstiel | | |
| 1.00 | OPERATOR ASSISTANT | Danny Sinner | | |
| 1.00 | OPERATOR ASSISTANT | Jonathan Price | | |

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 2,611.42

ONLY IF PAID ON OR BEFORE
Oct 26, 2014

| | |
|------------------------|------------------|
| Subtotal | 10,445.69 |
| Sales Tax | 401.30 |
| Total Invoice Amount | 10,846.99 |
| Payment/Credit Applied | |
| TOTAL | 10,846.99 |

ALLIED OIL & GAS SERVICES, LLC 050 03

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT
Russell, Ks

| | | | | | | | |
|---------------------------|----------------|--------------------------------------|------------------------|-----------------|----------------|-----------|------------|
| DATE <i>9.26.14</i> | SEC <i>35</i> | TWP. <i>1</i> | RANGE <i>19</i> | CALLED OUT | ON LOCATION | JOB START | JOB FINISH |
| LEASE <i>Crystal</i> | WELL# <i>1</i> | LOCATION <i>Phillipsburg Ks</i> | COUNTY <i>Phillips</i> | STATE <i>Ks</i> | | | |
| OLD OR (NEW) (Circle one) | | <i>1 to 183 383 Jct. W to 150 rd</i> | | | <i>3 1/2 S</i> | | |

| | |
|------------------------------|--------------------|
| CONTRACTOR <i>Martin #24</i> | OWNER |
| TYPE OF JOB <i>TA</i> | |
| HOLE SIZE <i>7 1/8</i> | T.D. |
| CASING SIZE | DEPTH |
| TUBING SIZE | DEPTH |
| DRILL PIPE <i>4 1/2</i> | DEPTH <i>1750'</i> |
| TOOL | DEPTH |
| PRES. MAX | MINIMUM |
| MEAS. LINE | SHOE JOINT |
| CEMENT LEFT IN CSG. | |
| PERFS. | |
| DISPLACEMENT | |

| | | |
|------------------------|-------------------------------------|---------------------------|
| CEMENT | AMOUNT ORDERED | <i>255 sk</i> |
| | | <i>40' 40 + 4' gel</i> |
| COMMON | <i>255 sk 40' 40 + 4' gel 18.92</i> | <i>\$ 4,824.60</i> |
| POZMIX | @ | |
| GEL | <i>1,000 lb</i> | <i>@ 1.10 \$ 1,100.00</i> |
| CHLORIDE | @ | |
| ASC | @ | |
| | @ | |
| <i>Material</i> | @ | <i>5904.60</i> |
| | @ | |
| <i>Misc</i> | @ | <i>1481.15</i> |
| | @ | |
| | @ | |
| | @ | |
| HANDLING <i>255 sk</i> | @ <i>2.48</i> | <i>\$ 632.40</i> |
| MILEAGE <i>599.25</i> | <i>2.75</i> | <i>\$ 1,647.94</i> |
| | | <i>TOTAL \$ 12,049.94</i> |

EQUIPMENT

| | |
|--------------|-------------------------------------|
| PUMP TRUCK | CEMENTER <i>Anthony P. Parental</i> |
| # <i>417</i> | HELPER <i>Dennis</i> |
| BULK TRUCK | |
| # <i>410</i> | DRIVER <i>Jon P</i> |
| BULK TRUCK | |
| # | DRIVER |

REMARKS:

*PF 1790' 50sk P2= 1890' 10SK
P3= 270' 50SK P4= 40' 10SK
P5= RAT - 30SK 1x 8 3/8 wooden Plug
P6= Mouse - 15SK
See Cementing Job Log*

SERVICE

| | |
|-------------------------|-------------------------------|
| DEPTH OF JOB | <i>1790'</i> |
| PUMP TRUCK CHARGE | <i>\$ 1,525.75</i> |
| EXTRA FOOTAGE | @ |
| MILEAGE <i>Heavy 50</i> | @ <i>7.7</i> <i>\$ 385.00</i> |
| MANIFOLD <i>6:30 50</i> | @ <i>4.4</i> <i>\$ 220.00</i> |
| | @ |
| | @ |
| <i>Misc 1102.77</i> | TOTAL <i>4411.09</i> |
| | <i>\$ 2,130.75</i> |

CHARGE TO: *BACH OIL*

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

| | | |
|-----------------------------|-------|-------------------|
| <i>1x 8 3/8 wooden Plug</i> | @ | <i>\$ 1102.00</i> |
| | @ | |
| | @ | |
| | @ | |
| | @ | |
| <i>Misc 27.50</i> | TOTAL | <i>\$ 1102.00</i> |

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME *Anthony Martin*

SIGNATURE *Anthony Martin*

SALES TAX (If Any) _____

TOTAL CHARGES *\$ 10,445.69*

DISCOUNT *\$ 2,611.42 (25%)* IF PAID IN 30 DAYS

net 7834.27

7834.27

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

BACH OIL PRODUCTION

WELL: CRYSTAL #1

LOC.:150' FNL & 1870' FWL
 SEC. 35-1-19W
 PHILLIPS COUNTY, KANSAS
 API: 15-147-20743-00-00

ELEVATION

KB: 2170
 GL: 2165
 LOG MEASURED
 FROM: KB

SURFACE CASING

20# 8 5/8 " Casing set @ 220' w/175 SX

PRODUCTION CASING

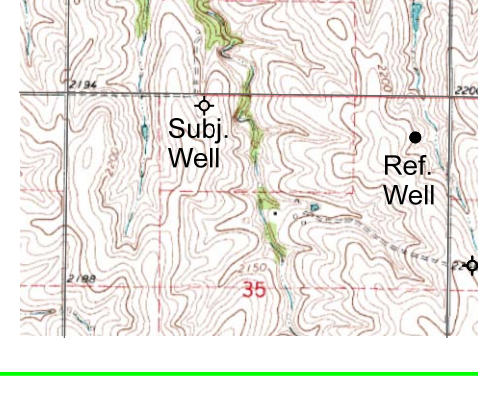
D&A

WELL LOG SURVEYS

CDL/DIL

ELECTRIC LOG TOPS

| FORMATION | DEPTH | DATUM | POSITION |
|-------------------|-------|-------|----------|
| Stone Corral | 1776 | +394 | -8 |
| Base Stone Corral | 1801 | +369 | -9 |
| Topeka | 3119 | -949 | -6 |
| Heebner | 3325 | -1155 | -1 |
| Toronto | 3358 | -1188 | -6 |
| Lansing | 3373 | -1203 | -4 |
| Muncie | 3484 | -1308 | -7 |
| I Zone | 3522 | -1352 | -8 |
| RTD | 3550 | -1380 | N/A |



REFERENCE WELL:

Bach Oil Production
 Wayne Jackson
 Location: T1S R19W, Sec. 35
 SW NE NE NE
 554 South, 474 West, from NE corner

REMARKS AND RECOMMENDATIONS

This well was plugged and abandoned by the operator.

Respectfully submitted,

Robert J. Petersen

Robert J. Petersen

DAILY REPORT

@7:00 A.M.

09-22-14 MIRU/SPUD

09-23-14 230'

09-24-14 2250'

09-25-14 3125'

09-26-14 3500'

